



March 1, 2000

**DESIGN MEMORANDUM No. 00-01**  
**TECHNICAL ADVISORY**

**TO:** **All Design, Operations and District Personnel, and Consultants**

**FROM:** **/s/ Richard L. VanCleave**  
**Richard L. VanCleave**  
**Design Policy Engineer**  
**Contracts and Construction Division**

**SUBJECT:** **Positive Guidance for Crossed-Over Two-Lane Two-Way Traffic on Multi-Lane Highways in Construction Zones**

**EFFECTIVE:** **September 12, 2000, Letting**

Temporary concrete barrier and temporary solid yellow lines are to be used on all freeways.

Where construction activities on a multilane two-way highway require temporary revision of traffic patterns within the construction zone to two-lane two-way operation at or near an intersection, the end of the temporary 100 mm (4 in.) double solid yellow line should match the end of the existing broken white lane line.

On multi-lane roadways that are not freeways, tubular markers are used to enhance the delineation and separation of the opposing traffic flows on each side of the double solid yellow line. The tubular markers are placed onto the pavement between the solid yellow lines as shown on new Standard Drawing 801-TCTC-12 (E 801-TCTC-12). Quantities for tubular markers are included in the pay item for maintaining traffic.

For a roadway with lanes which are narrower than 3.6 m (12 ft) without paved or aggregate shoulders, compacted aggregate size No. 73 is required where slope and ditch conditions permit as shown on new Standard Drawing 801-TCDV-02A (E 801-TCDV-02A). Such conditions must be assessed when developing the traffic control plan. The cross slope of each temporary compacted aggregate shoulder is to be as shown on Standard Drawing 801-TCDV-02A (E 801-TCDV-02A). Quantities for the compacted aggregate must be determined. The pay item is 305-06726 Widening With Compacted Aggregate, O, 73 ... Mg (TON).

“Do Not Pass” signs, R4-1-B; and two-way traffic symbol signs, XW6-3; are to be placed as shown on Standard Drawing 801-TCTC-11 (E 801 TCTC-11).

Quantities for all construction signs should be incorporated into the pay items for construction signs, as described in Standard Specifications Section 801.16.

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Attachments

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